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2685

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Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 62154  
Application ID: 10800610  
Title of Invention: System and Method for Antenna  
Diversity Using Equal Power Joint  
Maximal Ratio Combining  
First Named Inventor: Gary Sugar  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2004-03-15  
Effective Receipt Date: 2004-06-07  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 1801  
Attorney Docket Number: Cognio40US2



Total Fees Authorized:

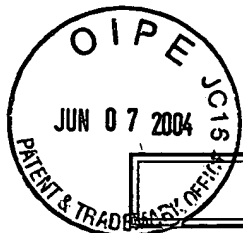
Digital Certificate Holder: cn=D. Andrew Floam,ou=Registered Attorneys,ou=Patent and Trademark  
Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: db64909743e1148fcc49fc43466ac10e45412c7d

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	<b>System and Method for Antenna Diversity Using Equal Power Joint Maximal Ratio Combining</b>									
Application Number: 10/800610 Date: 2004-03-15 First Named Applicant: Mr. Gary L  Confirmation Number: 1801 Attorney Docket Number: Cognio40US2										
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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Mr. Andrew Floam Registered Number: 34597</td><td>/daf/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Mr. Andrew Floam Registered Number: 34597	/daf/	Attorney		
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Mr. Andrew Floam Registered Number: 34597	/daf/	Attorney								
<table><tr><td><b>Documents being submitted</b></td><td><b>Files</b></td></tr><tr><td>us-ids</td><td>Cognio40US2-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			<b>Documents being submitted</b>	<b>Files</b>	us-ids	Cognio40US2-usidst.xml		us-ids.dtd		us-ids.xsl
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	us-ids.dtd									
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<b>Comments</b>										

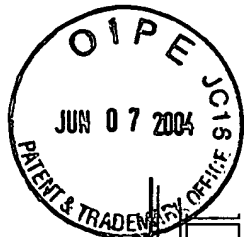


## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	System and Method for Antenna Diversity Using Equal Power Joint Maximal Ratio Combining																
<p>Application Number: 10/800610</p> <p>Confirmation Number: 1801</p> <p>First Named Applicant: Gary Sugar</p> <p>Attorney Docket Number: Cognio40US2</p> <p>Art Unit: 2685</p> <p>Search string: ( 6473467 or 6636568 or 6141393 or 6584161 or 6463295 or 6462709 or 5982327 or 5274844 or 6177906 or 6369758 or 6037898 or 5437055 or 5507055 or 4599734 or 5491723 or 5394435 or 4639914 or 6157340 or 6124824 or 6122260 or 6195045 or 6147985 or 6044120 or 6038272 or 6349219 or 6327310 or 6307882 or 6058105 or 6442214 or 6144711 or 6317466 or 6097771 or 6377631 or 6298092 or 6377636 or 6351499 or 6400699 or 5610617 or 6252548 or 5577265 or 6211671 or 6008760 or 6370182 or 6362781 or 6377819 or 6400780 or 6331837 or 6687492 or 20030002450 or 20030139194 or 20020196842 or 20030032423 or 20030108117 or 20030125090 or 20020064246 or 20020141355 or 20020136170 or 20020001316 or 20020072392 or 20020122501 or 20020172269 or 20020158801 or 20020159537 or 20020039884 or 20020067309 or 20020127978 or 20020085643 or 20020118781 or 20020122383 or 20020111142 or 20020102950 or 20010046255 or 20020024975 or 20010012764 or 20010053143 or 20010015994 or 20020034191 or 20040072546 ).pn.</p>																	
<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>6473467</td><td>2002-10-01</td><td>Wallace et al.</td><td></td><td>375</td><td>267</td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	6473467	2002-10-01	Wallace et al.		375	267
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass										
	1	6473467	2002-10-01	Wallace et al.		375	267										



	2	6636568	2003-10-01	Kadous, Tamer		375	225
	3	6141393	2000-10-31	Thomas et al.		375	347
	4	6584161	2003-06-24	Hottinen et al.	B2	375	299
	5	6463295	2002-10-08	Yun	B1	455	522
	6	6462709	2002-10-08	Choi	B1	342	378
	7	5982327	1999-11-09	Vook et al.		342	380
	8	5274844	1993-12-28	Harrison et al.		455	25
	9	6177906	2001-01-23	Petrus	B1	342	378
	10	6369758	2002-04-09	Zhang	B1	342	383
	11	6037898	2000-03-14	Parish et al.		342	174
	12	5437055	1995-07-25	Wheatley, III		455	33.3
	13	5507055	1996-04-09	Bantz et al.		455	133
	14	4599734	1986-07-08	Yamamoto		375	40
	15	5491723	1996-02-13	Diepstraten		375	267
	16	5394435	1995-02-28	Weerackody		375	206
	17	4639914	1987-01-27	Winters		370	110.1
	18	6157340	2000-12-05	Xu et al.		342	174
	19	6124824	2000-09-26	Xu et al.		342	174
	20	6122260	2000-09-19	Liu et al.		370	280
	21	6195045	2001-02-27	Xu et al.		342	368
	22	6147985	2000-11-14	Bar-David et al.			
	23	6044120	2000-03-28	Bar-David et al.			
	24	6038272	2000-03-14	Golden			
	25	6349219	2002-02-19	Hochwald et al.			
	26	6327310	2001-12-04	Hochwald et al.			
	27	6307882	2001-10-23	Marzetta			
	28	6058105	2000-05-02	Hochwald et al.			
	29	6442214	2002-08-27	Boleskei et al.			
	30	6144711	2000-11-07	Raleigh et al.			
	31	6317466	2001-11-13	Foschini et al.			
	32	6097771	2000-08-01	Foschini			
	33	6377631	2002-04-23	Raleigh			
	34	6298092	2002-10-02	Heath Jr.			
	35	6377636	2002-04-23	Paulraj et al.			
	36	6351499	2002-02-26	Paulraj et al.			
	37	6400699	2002-06-04	Airy et al.			



	38	5610617	1997-03-11	Gans et al.			
	39	6252548	2001-06-26	Jeon			
	40	5577265	1996-11-19	Wheatley, III			
	41	6211671	2001-04-03	Shattil			
	42	6008760	1999-12-28	Shattil			
	43	6370182	2002-04-09	Bierly et al.			
	44	6362781	2002-03-26	Thomas et al.			
	45	6377819	2002-04-23	Gesbert et al.			
	46	6400780	2002-06-04	Rashid-Farrokh et al.			
	47	6331837	2001-12-18	Shattil			
	48	6687492	2004-02-03	Sugar et al.	B1	455	276.1

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20030002450	2003-01-02	Jalali et al.	A1	370	294
	2	20030139194	2003-07-24	Onggosanusi et al.	A1	455	506
	3	20020196842	2002-12-26	Onggosanusi et al.	A1	375	148
	4	20030032423	2003-02-13	Boros et al.	A1	455	423
	5	20030108117	2003-06-12	Ketchum et al.	A1	375	295
	6	20030125090	2003-07-03	Zeira	A1	455	562
	7	20020064246	2002-05-30	Kelkar et al.	A1	375	347
	8	20020141355	2002-10-03	Struhsaker et al.	A1	370	280
	9	20020136170	2002-09-26	Struhsaker et al.	A1	370	280
	10	20020001316	2002-01-03	Hornsby et al.	A1	370	487
	11	20020072392	2002-06-13	Awater et al.	A1	455	561
	12	20020122501	2002-09-05	Awater et al.	A1	375	262
	13	20020172269	2002-11-21	Xu			
	14	20020158801	2002-10-31	Crilly, Jr. et al.			
	15	20020159537	2002-10-31	Crilly, Jr.			
	16	20020039884	2002-04-04	Raynes et al.			
	17	20020067309	2002-06-06	Baker et al.			
	18	20020127978	2002-09-12	Khatri			
	19	20020085643	2002-07-04	Kitchener et al.			
	20	20020118781	2002-08-29	Thomas et al.			



	21	20020122383	2002-09-05	Wu et al.			
	22	20020111142	2002-08-15	Kilmovitch			
	23	20020102950	2002-08-01	Gore et al.			
	24	20010046255	2001-11-29	Shattil			
	25	20020024975	2002-02-28	Hendler			
	26	20010012764	2001-08-09	Edwards et al.			
	27	20010053143	2001-12-20	Li et al.			
	28	20010015994	2001-08-23	Nam			
	29	20020034191	2002-03-21	Shattil			
	30	20040072546	2004-04-15	Sugar et al.	A1	455	127.1

Signature

Examiner Name	Date